

# APS Fall Meeting

## August 20-24, 1983, Honolulu, HI

1983 Bowditch Lecture  
Sunday, August 21, 4:30 P.M.  
Functional mapping in cardiovascular reflexes and the heart using C<sup>14</sup>-2-deoxyglucose

**David Kostreva**  
Veterans Administration Hospital, Milwaukee

Past President's Address  
Monday, August 22, 4:30 P.M.

Crises in physiological research  
**Walter C. Randall**  
Loyola University, Maywood, IL  
Followed by APS Business Meeting

Saturday, Aug. 20  
6-8 P.M. Opening Reception

Sunday, Aug. 21, A.M.  
Symposium: Autonomic control of coronary tone: facts, interpretations and consequences.  
Chaired by P. M. Vanhoutte  
\*Symposium: Processes of passive and active H<sup>+</sup> transport in isolated gastric and renal membrane vesicles

Sunday, Aug. 21, P.M.  
Symposium: Neurohumoral regulation of circulation.  
Chaired by V. S. Bishop  
Tutorials  
Calcium regulation in osteoporosis.  
B. L. Riggs  
Calcium exchange in the heart.  
G. A. Langer  
Physiology of in bile.  
A. Hoffman  
\*Poster Discussion: Transport in isolated gastric and renal membrane vesicles

Monday, Aug. 22, A.M.  
Symposium: Physiology of water immersion.  
Chaired by Y. C. Lin and S. K. Hong  
\*Symposium: Epithelial H<sup>+</sup> transport processes and electrophysiology

Monday, Aug. 22, P.M.  
Symposium: Factors influencing vasopressin in body fluids.  
Chaired by J. R. Claybaugh  
Tutorials  
Structural basis of visual cortical function.  
C. Gilbert  
Neuronal basis of plastic adaptation in gaze control.  
B. W. Peterson  
Nutrition as a modulator of the aging process.  
E. J. Masoro  
7:00 \*Poster Discussion: Regulation of H<sup>+</sup>/HCO<sub>3</sub> transport in gastrointestinal epithelia

Tuesday, Aug. 23, A.M.  
Symposium: Prostaglandins, leukotrienes and lung fluid balance.  
Chaired by A. B. Malik  
Tutorials  
Comparative physiology of the renin-angiotensin system.  
R. L. Malvin  
Hypothalamic control of body temperature.  
J. A. Boulant  
Long-term reflex regulation of the cardiovascular system.  
A. M. Scher  
\*Poster Discussion (time is tentative): Regulation of HCO<sub>3</sub> transport in kidney epithelium

(Note: Sessions marked with an asterisk are part of the Conference on Hydrogen Ion Transport organized by J. G. Forte and F. C. Rector, Jr.)

Tuesday, Aug. 23, P.M.  
Symposium: Sea bird energetics. Session I.  
Organized by G. C. Whittow and H. Rahn  
Tutorials  
Regulation of blood flow and oxygen transport in skeletal muscle.  
B. Duling  
The aging lung. M. G. Levitzky  
Contractile properties of vascular smooth muscle.  
R. A. Murphy

Wednesday, Aug. 24, A.M.  
Symposium: Sea bird energetics. Session II  
Wednesday, Aug. 24, A.M. & P.M.  
Refresher Course: Physiology and biochemistry of receptors.  
Organized by J. A. Spitzer.

## Announcement

### 1984 Research Opportunities Offered by Leukemia Society

The Leukemia Society of America, a national voluntary health agency, is now accepting applications for 1984 grants to support research in the fields of leukemia and related disorders. The grants are intended to encourage studies at both the basic science and clinical levels. The Society offers three awards for individuals whose work is concentrated on uncovering cures for leukemia, the lymphomas, Hodgkin's disease, and multiple myeloma. Five-year scholarships for a total of \$125,000 are available for researchers who have demonstrated their ability to conduct original investigations in the specified fields. Two-year special fellowships and fellowships, for \$37,000 and \$30,000, respectively, are offered for those in the intermediate and entry stages of career development. In all categories, candidates must hold a doctoral degree but may not have attained the tenured status of associate professor.

*Deadline for filing applications:* September 1, 1983.  
*For application forms and further information:* Research Grant Program, Leukemia Society of America, 800 Second Ave., New York, NY 10017.

## Future Meetings

1983	
APS "Fall" Meeting	Aug 20-24, Honolulu
IUPS Congress	Aug 28-Sep 3, Sydney
1984	
FASEB Annual Meeting	Apr 1-6, St Louis
*APS "Fall" Meeting	Jul 29-Aug 3, Lexington
1985	
FASEB Annual Meeting	Apr 21-26, Anaheim
*APS "Fall" Meeting	Aug 4-9, Buffalo
1986	
FASEB Annual Meeting	Apr 13-18, St. Louis
IUPS Congress	July 12-20, Vancouver, Canada
*Campus meeting	